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OM nucleic - nucleic search, using sw model

Run on: December 13, 2002, 02:57:40 ; Search time 66 Seconds
(without alignments)
9325.762 Million cell updates/sec

Title: US-09-716-536-7

Perfect score: 2007

Sequence: 1 gtgcggtgagcgcaaatltg.....aaaaaaaaaaaaaaaaa 2007

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-Processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_NA:*
1: /cgn2_6/prodata/1/lna/5A.COMB.seq:*
2: /cgn2_6/prodata/1/lna/5B.COMB.seq:*
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4: /cgn2_6/prodata/1/lna/6B.COMB.seq:*
5: /cgn2_6/prodata/1/lna/CTUS.COMB.seq:*
6: /cgn2_6/prodata/1/lna/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2007	100.0	2007	4	US-09-052-089A-7
2	1890.8	94.2	2065	2	US-08-968-751-1
3	1062.8	53.0	1975	4	US-09-052-089A-8
4	176.4	8.8	7542	4	US-09-734-030-3
5	65.8	3.3	7218	1	US-08-232-463-14
6	52	2.6	3489	2	US-08-728-323A-1
7	52	2.6	3489	4	US-09-298-568-1
8	52	2.6	32207	2	US-08-770-379-20
9	52	2.6	32207	4	US-08-757-669A-20
10	52	2.6	32207	4	US-09-230-371A-20
11	44.2	2.2	51259	3	US-08-781-891-209
12	44	2.2	2887	2	US-08-533-306A-3
13	44	2.2	2887	2	US-08-742-923A-3
14	43.6	2.2	16442	3	US-08-781-891-208
15	41.6	2.1	340	5	PCR-US92-06412-104
16	41.6	2.1	340	5	PCR-US92-06412-104
17	41	2.0	1926	4	US-09-249-585A-2
18	41	2.0	2580	3	US-09-050-863-2
19	41	2.0	2580	4	US-09-359-081-2
20	41	2.0	3432	2	US-09-130-114-1
21	41	2.0	9600	4	US-08-910-647-1
22	41	2.0	9600	4	US-09-620-925-1
23	41	2.0	10596	1	US-07-884-971-15
24	41	2.0	10596	1	US-07-885-971-15
25	41	2.0	10596	1	US-08-087-783A-15
26	41	2.0	10596	1	US-08-194-088B-15
27	41	2.0	10596	2	US-08-194-087-15

28	41	2.0	10596	5	PCR-US93-04648-15	Sequence 15, Appl
29	40	2.0	2223	1	US-08-317-522A-8	Sequence 8, Appl
30	40	2.0	2223	1	US-08-439-818A-8	Sequence 8, Appl
31	40	2.0	2223	2	US-08-751-965-8	Sequence 8, Appl
32	40	2.0	2223	2	US-08-738-975-8	Sequence 8, Appl
33	40	2.0	2223	2	US-08-728-626-8	Sequence 8, Appl
34	40	2.0	2223	3	US-08-808-599A-8	Sequence 8, Appl
35	39.2	2.0	15378	3	US-08-785-420-1	Sequence 16, Appl
36	39	1.9	456	2	US-08-557-309B-16	Sequence 16, Appl
37	39	1.9	456	3	US-08-834-306-16	Sequence 16, Appl
38	39	1.9	456	4	US-08-993-674A-16	Sequence 16, Appl
39	38.8	1.9	1995	4	US-09-256-976-16	Sequence 16, Appl
40	38.8	1.9	1995	2	US-08-425-069-3	Sequence 3, Appl
41	38.8	1.9	1995	2	US-08-317-844B-3	Sequence 1, Appl
42	38.6	1.9	2793	1	US-08-209-747-1	Sequence 1, Appl
43	38.6	1.9	2793	1	US-08-458-298-1	Sequence 1, Appl
44	37.8	1.9	414	1	US-08-137-117D-85	Sequence 85, Appl
45	37.8	1.9	414	1	US-08-436-717-85	Sequence 85, Appl

ALIGNMENTS

RESULT 1
US-09-052-089A-7
Sequence 7, Application US/09052089A
Patent No. 6346605
GENERAL INFORMATION:
APPLICANT: Lee, Soo Y.
TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER FAMILY, AND USES THEREOF
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,089A
FILING DATE: 31-Mar-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 2007 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-052-089A-7
Query Match 100.0%; Score 2007; DB 4; Length 2007;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2007; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy	1	GTGCGGTGGAGCGAAATTTTAAACAGCGGAGCGGGCGCTCTACGAAGCCGACCTGT	60
Db	1	GTGCGGTGGAGCGAAATTTTAAACAGCGGAGCGGGCGCTCTACGAAGCCGACCTGT	60
Oy	61	AGCAGTTTCTTTGGCTCCCTCGGGCCCTTGGATCCAGCCATCATCCATCCGATCTTG	120
Db	61	AGCAGTTTCTTTGGCTCCCTCGGGCCCTTGGATCCAGCCATCATCCGATCTCTTG	120
Oy	121	TGCACATCTTGTCTCCGACTTCTTGATCTACCTCCCGGAGGTGGCCGCATCCACTGGCG	180
Db	121	TGCACATCTTGTCTCCGACTTCTTGATCTACCTCCCGGAGGTGGCCGCATCCACTGGCG	180
Oy	181	CACACCTTCCACCTGCGATGCTTAATTCAGTCTTTGACAGACGACCAAGTGGACCTGC	240
Db	181	CACACCTTCCACCTGCGATGCTTAATTCAGTCTTTGACAGACGACCAAGTGGACCTGC	240
Oy	241	CCACAGTCCCGAATCCAGTTTGGCAAAAGAACCATTAATCAATTAAGCTCTTCTTGATCTT	300
Db	241	CCACAGTCCCGAATCCAGTTTGGCAAAAGAACCATTAATCAATTAAGCTCTTCTTGATCTT	300
Oy	301	GCCGAGGAGGAGGAGATGTCTTGATTCAGAAATCTTAAACATGAACCTGGACAAATGC	360
Db	301	GCCGAGGAGGAGGAGATGTCTTGATTCAGAAATCTTAAACATGAACCTGGACAAATGC	360
Oy	361	AGAGCCGAGCTTTTCCAGAAAGACAAGAGAAACGAGACGCGAGGTATCATCGACACT	420
Db	361	AGAGCCGAGCTTTTCCAGAAAGACAAGAGAAACGAGACGCGAGGTATCATCGACACT	420
Oy	421	CTGCGGGATACGCTGGAGAAAGCATACTGCTACTGTGTGTCTCTCGACAGACGCTTGGGC	480
Db	421	CTGCGGGATACGCTGGAGAAAGCATACTGCTACTGTGTGTCTCTCGACAGACGCTTGGGC	480
Oy	481	AAGCCGAGATGCTGTCTCCACACTGAAAAAGACAGATGAATCTTATAGACAGACAG	540
Db	481	AAGCCGAGATGCTGTCTCCACACTGAAAAAGACAGATGAATCTTATAGACAGACAG	540
Oy	541	GATGAGACCAACAGCACAGAGAGGCGGGCCGCTCAGSAGCAAGATGAGACCATG	600
Db	541	GATGAGACCAACAGCACAGAGAGGCGGGCCGCTCAGSAGCAAGATGAGACCATG	600
Oy	601	GAGCAGATTGAGCTTACTCCAGAGCCAGAGTCCCTGAGTGGAGAGATGATCCGAAAC	660
Db	601	GAGCAGATTGAGCTTACTCCAGAGCCAGAGTCCCTGAGTGGAGAGATGATCCGAAAC	660
Oy	661	ATGCGTGTGGGACAGTCCAGCGGTGGGAACAGCTGGCTGTACTGTGTCTCTCAAGAA	720
Db	661	ATGCGTGTGGGACAGTCCAGCGGTGGGAACAGCTGGCTGTACTGTGTCTCTCAAGAA	720
Oy	721	GAGTACAGAAATCTAAAGAGGACGGAAGGCTCTCAGGGGAGTGGGTGCACAACTGAG	780
Db	721	GAGTACAGAAATCTAAAGAGGACGGAAGGCTCTCAGGGGAGTGGGTGCACAACTGAG	780
Oy	781	AAGATTTGTTTCTTCTCCAAAGCAAGTTGGCAGACAGTCTACTTGAATTTGGATCAGGCC	840
Db	781	AAGATTTGTTTCTTCTCCAAAGCAAGTTGGCAGACAGTCTACTTGAATTTGGATCAGGCC	840
Oy	841	AAGTTAAACTGAAGTACGCCCGAAGAGCACTTACAGAGTGTCTGACAGAGAAATCATGAGC	900
Db	841	AAGTTAAACTGAAGTACGCCCGAAGAGCACTTACAGAGTGTCTGACAGAGAAATCATGAGC	900
Oy	901	CTGAAAAAAGAGCTAAGCATGTGCGAGAAACCTTGAACTTCCACCAAGTGGCCAGTBA	960
Db	901	CTGAAAAAAGAGCTAAGCATGTGCGAGAAACCTTGAACTTCCACCAAGTGGCCAGTBA	960
Oy	961	ACTGTGACCGCGTGGTTTATAGAGACCCAGCCCTGTGGAGGTGAATCTGAAGTCCGC	1020
Db	961	ACTGTGACCGCGTGGTTTATAGAGACCCAGCCCTGTGGAGGTGAATCTGAAGTCCGC	1020
Oy	1021	CGGCGATCTTCCGATGATATATTGATCTCAATGCTACTTGTGATGTGGATCTCCCA	1080
Db	1021	CGGCGATCTTCCGATGATATATTGATCTCAATGCTACTTGTGATGTGGATCTCCCA	1080

QY	1081	GCCTGGCCCTCCACCTCCCGAGCATGGTGTACTACGAAAACCTTGGCTTGAGAAAGTCAC	1140
Db	1081	GCCTGGCCCTCCACCTCCCGAGCATGGTGTACTACGAAAACCTTGGCTTGAGAAAGTCAC	1140
QY	1141	TCGCCAATTCAGATGTGTCCCGAAGATATGCAAGAGGCCCGCAGGAAGAGTCCAGCTC	1200
Db	1141	TCGCCAATTCAGATGTGTCCCGAAGATATGCAAGAGGCCCGCAGGAAGAGTCCAGCTC	1200
QY	1201	TCACCTGGGTGGCCGAGCTGTGCGAGGAGACCAGATGAGAACTGTGGTGTCCCT	1260
Db	1201	TCACCTGGGTGGCCGAGCTGTGCGAGGAGACCAGATGAGAACTGTGGTGTCCCT	1260
QY	1261	ATTTTTGTCCGGAAATGCCATCTTAGCCCGAAGAACCCAAAAGGCCACAGTCAAGTCC	1320
Db	1261	ATTTTTGTCCGGAAATGCCATCTTAGCCCGAAGAACCCAAAAGGCCACAGTCAAGTCC	1320
QY	1321	TCCTTCAGCAAAAGATGTGTAAAGACAGCCTTCGATGGGCTCGTGGCCGCGCAAAATTC	1380
Db	1321	TCCTTCAGCAAAAGATGTGTAAAGACAGCCTTCGATGGGCTCGTGGCCGCGCAAAATTC	1380
QY	1381	ATCCAGCCTACTGCACACATCATGATCCGCCCATTTGGCTGTAAAGCCCAAGCAAGTT	1440
Db	1381	ATCCAGCCTACTGCACACATCATGATCCGCCCATTTGGCTGTAAAGCCCAAGCAAGTT	1440
QY	1441	AAGCAGAGGGTGAAGGTGGAAGACCGTCCTCTCTCTTCAGGCCCACTGACACCTTC	1500
Db	1441	AAGCAGAGGGTGAAGGTGGAAGACCGTCCTCTCTCTTCAGGCCCACTGACACCTTC	1500
QY	1501	CTGTGTGTGTGAGAAACAGTGTAGTCAACCAATGGCCAGACATATCCTGTGAACCTGTAGG	1560
Db	1501	CTGTGTGTGTGAGAAACAGTGTAGTCAACCAATGGCCAGACATATCCTGTGAACCTGTAGG	1560
QY	1561	TCAAGGACGTGTCCAGGCAAGGGTTGTGTGACAGAGCCCTACTTTCGGAGCACAGCTGAGGT	1620
Db	1561	TCAAGGACGTGTCCAGGCAAGGGTTGTGTGACAGAGCCCTACTTTCGGAGCACAGCTGAGGT	1620
QY	1621	GTAAGGGCAGCAAAACAGGTGAGGGGTGAGTGTGACACCAGAGAGCTGCTTTCGCGCT	1680
Db	1621	GTAAGGGCAGCAAAACAGGTGAGGGGTGAGTGTGACACCAGAGAGCTGCTTTCGCGCT	1680
QY	1681	CACCTGTGCCCCACTCCATGACACTGTGGAGCTGCACATGACAGCCCACTATCTGTACAGA	1740
Db	1681	CACCTGTGCCCCACTCCATGACACTGTGGAGCTGCACATGACAGCCCACTATCTGTACAGA	1740
QY	1741	GGTCTGTCTGTGTGCCAGGCTCTTGTATATAGCATGATCATGATGTGTGACACTTTT	1800
Db	1741	GGTCTGTCTGTGTGCCAGGCTCTTGTATATAGCATGATCATGATGTGTGACACTTTT	1800
QY	1801	CTGGGCTGTGAGACACAGGTCACTTGTATACATGTCTCTGTGACACAGATGCTGTGAGCA	1860
Db	1801	CTGGGCTGTGAGACACAGGTCACTTGTATACATGTCTCTGTGACACAGATGCTGTGAGCA	1860
QY	1861	TCCTAGGAGGCTTCAGCCCAAGCTTCCTACCTGTGACTTGTGACTTGTAGCATATACCTGG	1920
Db	1861	TCCTAGGAGGCTTCAGCCCAAGCTTCCTACCTGTGACTTGTGACTTGTAGCATATACCTGG	1920
QY	1921	GCCAGCAGGGTGGGAAATGAGATAGACATGGATGTATGGAGAGATGGAATTTT	1980
Db	1921	GCCAGCAGGGTGGGAAATGAGATAGACATGGATGTATGGAGAGATGGAATTTT	1980
QY	1981	CCCCAAAAAAAAAAAAAAAAAAAAA 2007	
Db	1981	CCCCAAAAAAAAAAAAAAAAAAAAA 2007	

RESULT 2
US-08-968-751-1
: Sequence 1, Application US/08968751
: Patent No. 5948643
:
: GENERAL INFORMATION:
: APPLICANT: Rubinfield, Bonnie
: APPLICANT: Polakos, Paul G.
: APPLICANT: Ligenfelter, Carol

APPLICANT: Vuong, Terilyn T.
TITLE OF INVENTION: MODULATORS OF BRCA1 ACTIVITY
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: ONYX Pharmaceuticals, Inc.
STREET: 3031 Research Drive
CITY: Richmond
STATE: CA
COUNTRY: USA
ZIP: 94806
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/968,751
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Giotta, Gregory
REGISTRATION NUMBER: 32,028
REFERENCE/DOCKET NUMBER: ONYX1024 GG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 262-8710
TELEFAX: (510) 222-9758
INFORMATION FOR SEQ. ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2065 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FEATURE:
NAME/KEY: CDS
LOCATION: 103..1512
US-08-968-751-1

Query Match 94.2%; Score 1890.8; DB 2; Length 2065;
Best Local Similarity 98.9%; Pred. No. 0;
Matches 1946; Conservative 0; Mismatches 17; Indels 5; Gaps 4;

44 TAGAAGCCGAGACTGAGAGTTCTTGGCTGGCCGCGCCCTTGAGTCCAGCCATCA 103
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44 TAGAAGCCGAGACTGAGAGTTCTTGGCTGGCCGCGCCCTTGAGTCCAGCCATCA 103
DB 44 TAGAAGCCGAGACTGAGAGTTCTTGGCTGGCCGCGCCCTTGAGTCCAGCCATCA 103

104 TGCCTATCCGCTGCTGTGTGACATATGTCGACATCTTTCGATCACTCCCGGACGTGG 163
|||||
104 TGCCTATCCGCTGCTGTGTGACATATGTCGACATCTTTCGATCACTCCCGGACGTGG 163
DB 104 TGCCTATCCGCTGCTGTGTGACATATGTCGACATCTTTCGATCACTCCCGGACGTGG 163

164 CCGCCATCCACTGCGGCGACACCTTCCACTTGCAGTGCCCTAATTCAGTGTGGAGACAG 223
|||||
164 CCGCCATCCACTGCGGCGACACCTTCCACTTGCAGTGCCCTAATTCAGTGTGGAGACAG 223
DB 164 CCGCCATCCACTGCGGCGACACCTTCCACTTGCAGTGCCCTAATTCAGTGTGGAGACAG 223

224 CACCAAGTGGAGCTGGCCAGATGCGCAATCCAGGTTGGCAAAAGAACATATCATATA 283
|||||
224 CACCAAGTGGAGCTGGCCAGATGCGCAATCCAGGTTGGCAAAAGAACATATCATATA 283
DB 224 CACCAAGTGGAGCTGGCCAGATGCGCAATCCAGGTTGGCAAAAGAACATATCATATA 283

284 AGCTCTCTTGTGATCTTGGCCAGAGAGAGATGTCTTGATCGAATTCCTTTAAAGA 343
|||||
284 AGCTCTCTTGTGATCTTGGCCAGAGAGAGATGTCTTGATCGAATTCCTTTAAAGA 343
DB 284 AGCTCTCTTGTGATCTTGGCCAGAGAGAGATGTCTTGATCGAATTCCTTTAAAGA 343

344 ATGAACCTGGCAATGTTCAGAGCCAGCTTCCAGAAAGCAAGAGAAACGAGACGCC 403
|||||
344 ATGAACCTGGCAATGTTCAGAGCCAGCTTCCAGAAAGCAAGAGAAACGAGACGCC 403
DB 344 ATGAACCTGGCAATGTTCAGAGCCAGCTTCCAGAAAGCAAGAGAAACGAGACGCC 403

404 AGGTCAATCATGACACTCTGCGGGATACGCTGGAAGAAGCAATGCTACGTGGTATCTC 463
|||||
404 AGGTCAATCATGACACTCTGCGGGATACGCTGGAAGAAGCAATGCTACGTGGTATCTC 463
DB 404 AGGTCAATCATGACACTCTGCGGGATACGCTGGAAGAAGCAATGCTACGTGGTATCTC 463

464 TGCAGCAGGCTTGGGCAAGCGCAGATGCTGTCTCCACATGAAAAACAGATGAAGT 523
|||||

|||||
DB 464 TGCAGCAGGCTTGGGCAAGCGCAGATGCTGTCTCCACATGAAAAACAGATGAAGT 523

524 ACTTAGAGCAGCAGCAGATGAGACCAACAAACAGACAAAGAGGCGCGGCTCAGCA 563
|||||
524 ACTTAGAGCAGCAGCAGATGAGACCAACAAACAGACAAAGAGGCGCGGCTCAGCA 563
DB 524 ACTTAGAGCAGCAGCAGATGAGACCAACAAACAGACAAAGAGGCGCGGCTCAGCA 563

584 GCAAGATGAAGACCATGAGACAGATTGAGCTTCTACTCCAGAGCCAGGCTCGAGGTGG 643
|||||
584 GCAAGATGAAGACCATGAGACAGATTGAGCTTCTACTCCAGAGCCAGGCTCGAGGTGG 643
DB 584 GCAAGATGAAGACCATGAGACAGATTGAGCTTCTACTCCAGAGCCAGGCTCGAGGTGG 643

644 AGGAGATGATCCGAGACATGGGTGGGACAGTCAGCGGTGGAACAGCTGCTGTACT 703
|||||
644 AGGAGATGATCCGAGACATGGGTGGGACAGTCAGCGGTGGAACAGCTGCTGTACT 703
DB 644 AGGAGATGATCCGAGACATGGGTGGGACAGTCAGCGGTGGAACAGCTGCTGTACT 703

704 GTGTGTCTCTCAAGAAAGACTACGAGATCTTAAAGAGCCAGGAAGGCTCAGGGAGG 763
|||||
704 GTGTGTCTCTCAAGAAAGACTACGAGATCTTAAAGAGCCAGGAAGGCTCAGGGAGG 763
DB 704 GTGTGTCTCTCAAGAAAGACTACGAGATCTTAAAGAGCCAGGAAGGCTCAGGGAGG 763

764 TGGCTGCAAGCTGAGGAAAGATTGTTTCCCTCCAGAACCAAGTTCAGACAGTCTACT 823
|||||
764 TGGCTGCAAGCTGAGGAAAGATTGTTTCCCTCCAGAACCAAGTTCAGACAGTCTACT 823
DB 764 TGGCTGCAAGCTGAGGAAAGATTGTTTCCCTCCAGAACCAAGTTCAGACAGTCTACT 823

824 CTGAATTGATCAGGCCCAAGTTAGAACTGAACTCAGGCCAGGAAGACTTACAGAGTCTG 883
|||||
824 CTGAATTGATCAGGCCCAAGTTAGAACTGAACTCAGGCCAGGAAGACTTACAGAGTCTG 883
DB 824 CTGAATTGATCAGGCCCAAGTTAGAACTGAACTCAGGCCAGGAAGACTTACAGAGTCTG 883

884 ACAAGGAATCATGAGCCTTAAAAAGAGCTAACGATCTGTCAGAGAAACCTTGAACTGC 943
|||||
884 ACAAGGAATCATGAGCCTTAAAAAGAGCTAACGATCTGTCAGAGAAACCTTGAACTGC 943
DB 884 ACAAGGAATCATGAGCCTTAAAAAGAGCTAACGATCTGTCAGAGAAACCTTGAACTGC 943

944 CACCAAGTGGCAGTGAAGACTGTGACCGGCTGGTTTAAAGAGCCAGCCCTGTGGAGG 1003
|||||
944 CACCAAGTGGCAGTGAAGACTGTGACCGGCTGGTTTAAAGAGCCAGCCCTGTGGAGG 1003
DB 944 CACCAAGTGGCAGTGAAGACTGTGACCGGCTGGTTTAAAGAGCCAGCCCTGTGGAGG 1003

1004 TGAATCTGAAGCTCCGCGGCGCATCTTCCGTGATGATATTCATATGCTACCTTTG 1063
|||||
1004 TGAATCTGAAGCTCCGCGGCGCATCTTCCGTGATGATATTCATATGCTACCTTTG 1063
DB 1004 TGAATCTGAAGCTCCGCGGCGCATCTTCCGTGATGATATTCATATGCTACCTTTG 1063

1064 ATGTGATATCTCCCGCGCGGCGCATCTTCCGTGATGATATTCATATGCTACCTTTG 1123
|||||
1064 ATGTGATATCTCCCGCGCGGCGCATCTTCCGTGATGATATTCATATGCTACCTTTG 1123
DB 1064 ATGTGATATCTCCCGCGCGGCGCATCTTCCGTGATGATATTCATATGCTACCTTTG 1123

1124 GCTAGAGAGTCAACATCCCAATTCAGAGTGTCCCAAGAGATGTGAAGGCCCA 1183
|||||
1124 GCTAGAGAGTCAACATCCCAATTCAGAGTGTCCCAAGAGATGTGAAGGCCCA 1183
DB 1124 GCTAGAGAGTCAACATCCCAATTCAGAGTGTCCCAAGAGATGTGAAGGCCCA 1183

1184 GGAAGAGTCCAGCTTCTCACTGGGTGGCCAGAGCTGTGAGAGAGCCAGATGAGGAAC 1243
|||||
1184 GGAAGAGTCCAGCTTCTCACTGGGTGGCCAGAGCTGTGAGAGAGCCAGATGAGGAAC 1243
DB 1184 GGAAGAGTCCAGCTTCTCACTGGGTGGCCAGAGCTGTGAGAGAGCCAGATGAGGAAC 1243

1244 TGGTGGTGGCTTCCCTATTTTGTCCGGAATGCCATCTTACGCCCAAGAACCCCAAA 1303
|||||
1244 TGGTGGTGGCTTCCCTATTTTGTCCGGAATGCCATCTTACGCCCAAGAACCCCAAA 1303
DB 1244 TGGTGGTGGCTTCCCTATTTTGTCCGGAATGCCATCTTACGCCCAAGAACCCCAAA 1303

1304 GGGCCAGGTGAGAGTCTCTTGCAGCAAGATGTGTAAGAGAGGCTTGATGAGGTGCG 1363
|||||
1304 GGGCCAGGTGAGAGTCTCTTGCAGCAAGATGTGTAAGAGAGGCTTGATGAGGTGCG 1363
DB 1304 GGGCCAGGTGAGAGTCTCTTGCAGCAAGATGTGTAAGAGAGGCTTGATGAGGTGCG 1363

1364 GTGGCCGCAAAATTCATCTACAGCTTCTGACACAGTCAATCCGCCATTCCTCTTGA 1423
|||||
1364 GTGGCCGCAAAATTCATCTACAGCTTCTGACACAGTCAATCCGCCATTCCTCTTGA 1423
DB 1364 GTGGCCGCAAAATTCATCTACAGCTTCTGACACAGTCAATCCGCCATTCCTCTTGA 1423

1424 AGCCCAAGCAAGGTTAAGCAGAGGTTGAGGTTGAAGACCGTCTCTCTTCCAGG 1483
|||||
1424 AGCCCAAGCAAGGTTAAGCAGAGGTTGAGGTTGAAGACCGTCTCTCTTCCAGG 1483
DB 1424 AGCCCAAGCAAGGTTAAGCAGAGGTTGAGGTTGAAGACCGTCTCTCTTCCAGG 1483

1484 CCAAGCTGACACCTTCTGTGGTGTGAGACAGTGAAGTGAACCAATGCGCAGACACA 1543
|||||
1484 CCAAGCTGACACCTTCTGTGGTGTGAGACAGTGAAGTGAACCAATGCGCAGACACA 1543
DB 1484 CCAAGCTGACACCTTCTGTGGTGTGAGACAGTGAAGTGAACCAATGCGCAGACACA 1543

1544 TGGCTGCACTTGTAGGTCAAGAGACTGTCAGGACAGG--TTTGTGAGACAGACCTTACT 1601
|||||

QY	958	GAGACCTTCACCGCCCGGTTTAAAGAGACCCAGCCCGCTGREGA --- -GGTGAATCTGAG	101.4
Db	967	GAGACGGTCAACGGCTGGTTTAAAGAGCCAGCCCGCTGTGAATGTGAACCCGAGG	102.6
QY	1015	CTCCGCCGGGCATCTCCCTCGATGATATTGATATCTCAATGCTACCTTTGATGTGGATCT	107.4
Db	1027	CTTCAACAGCCACCCCTCGGTATGATGATTTGATATCTCAATACCACTTTGATGTAAATACC	108.6
QY	1075	CCCCCAGCCCGGCCCTTCACGCTCCCAAGCATGGTTACTACGAAAACCTTGGCTAGAGAG	113.4
Db	1087	CTCTCAACCCAGACCTCTGCGCTCCCAAGCTTGCCTCCCAAGACCTGCGCTGGAGAGG	114.6
QY	1135	TCACACTCCCAATTCAGATGTCCCCAAGAAGATATGCAAAAGGCCCCAGGAAGACGCC	119.4
Db	1147	GCAGGCTCTCCCATGCAAGATGTCTCTCAAGAAAGTGACAAAGTCTCCAGCCGGAATCC	120.6
QY	1195	CAGCTCTCACTGGGTGGCCAGAGCTGTGCAGAGAGAGCCAGATGAGAACTGGTGTGGCC	125.4
Db	1207	CAGCTCTCACTGGGTGGCCAGCGATGTGAGAGAGCTAGATGAGAACTGGCTGTGGCC	126.6
QY	1255	TTTCCCTATTTTTGTGCGGATGGCATGCTCAAGCCAGAAACACCCCAAAAGGCCAGGTCA	131.4
Db	1267	TTTCCCTCTCTTCATCGGAATGGTGTCTGTGGGTCAAAACACCCCAAGGCCACAGCA	132.6
QY	1315	GAGTCTCTTTCAGCAAAAGATGTGTGAAGAGACAGGGCTTCGATGGGGCTGCTGGCCGAGCA	137.4
Db	1327	GAACTCCGGAAGCAGACAGATGTGTGAAGATTAAGGTTTGATGGGCTTGGAGACAGACA	138.6
QY	1375	AAATTCATCCAGGCTACTGCACAGTCATGATCCGCCCATTTGCTCTTTAAGCCCAAGCC	143.4
Db	1387	AAATTCATCCAGGCTACTGAGCACAAACATTATTCGACAGTCCCTGTTAAGTCCAAAGGCC	144.6
QY	1435	AAGGTTAAGCAGAGGGGAGGGGTGAAGACCGTGGCTCTCTCTTCAGAGCCAGCTGGAC	149.4
Db	1447	AAGGTTAAGCAGAAAGTGAATAAAGACTGTGAGTTCGTGCTCCAGGCCCAAGCTTGAT	150.6
QY	1495	ACCTCTCTGTGTGTGTGAGAACAGTGAAGTCTGACCAATGGCCAGACATGGCTGCAACT	155.4
Db	1507	ACCTCTCTTAATGTGAG --- -TGACCGGTGACACAGATGATGTTTTCATATT	155.1
QY	1555	TGTATGTCAGAGACTGTGCCA - GGCAGGGTTGTGACAGAGACCTTCTTCGSGACAG	161.2
Db	1552	AGTGGGCAAGACCTGGCTAACCGGAAGTGTGGAAGATGGCTCCTTTGGAC --- -	160.8
QY	1613	CTTGAGGTGTAAAGGCGAGACAAACAGGTAGGGTGAAGTGTGACACCCAGAGACTCTCTT	167.2
Db	1609	-----AGTCCAAAGAGATGGCCAGAAACACACTT	163.9
QY	1673	CTTGCCCTCAGCCTGGCCCACTCTCTACGACTGGAGACTACATGACACAGCCCATGATCC	172.2
Db	1640	CTGTGTTCACCTCGGCCCTCAGCACAC - ACTGGGAAGCCACATGACCAAGTTACTGTGCC	169.7
QY	1733	TGTATGACAGAGTCTGTGC - TGTGTGGCAGGCTCTGTGTTTATACCAATGATAGATGTGTC	179.1
Db	1698	GATCAGAGGGGCTACTCTCCAGTGTGAGAGGTTTGTGTTTATACTCAACACAGGTGTGCT	175.7
QY	1792	AGACTCTTTTGTGGGCTGTGAGACACAGTCACTGTTGACTGTCTGTGTGACAG --- -	184.7
Db	1758	GGACTCTCTTTGTTTATTAAGAACAGGGTACATTAAGCTTAAGTGAAGTGGAGTGTGG	181.7
QY	1848	-AGTGTCTGAAGGATCTCAGAGCGAGCTTCAGGCCAAGCTCTACCGCTTTGACTTGCTT	190.6
Db	1818	AGGATCTTAATGCAAGCTGTGAGAGACCTCGGCTTTGAATCTCTCCGTGCTCCAGCTTAATG	187.7
QY	1907	CTAGCATAGCCTGGGCCAAGCAGGATGGGGAATGAGGATAGCATAGGATGTATGAGAGA	196.6
Db	1878	CTTGAATTTATGGGGTGAAGTGTGTATGAGGAAGGTTGGGAGAGTTTCTGTGTAAAT	193.7
QY	1967	GGATGGAAGATTTTCCGAAAAAAGAAAAAAAAAAAAA 2004	
Db	1938	AAAAAGGATCTTTTCTCAAAAAAAAAAAAAAAAAAAAA 1975	

```

RESULT 4
US-09-734-030-3
; Sequence 3, Application US/09734030
; Patent No. 6461846
; GENERAL INFORMATION:
; APPLICANT: BEASLEY, Ellen M.
; APPLICANT: MERKLEV, Gennady
; APPLICANT: KETCHUM, Karen A.
; APPLICANT: WEI, Ming-Hui
; APPLICANT: DIFRANCESCO, Valentina
; APPLICANT: YAN, Chunhua
; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
; FILE REFERENCE: C000612
; CURRENT APPLICATION NUMBER: US/09/734,030
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/207,281
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 7542
; TYPE: DNA
; ORGANISM: HUMAN
; US-09-734-030-3

```

Query Match	8.88;	Score 176.4;	DB 4;	Length 7542;
Best Local Similarity	95.1%;	Pred. No. 1.7e-39;		
Matches 194;	Conservative 0;	Mismatches 6;	Indels 4;	Gaps 1

QY	1	GTGGGGTGGGAGCAAAATTTTAAACCAAGCGGAGGCGGGGCGG----	CTCTCGAAGCGCGAG	56
Db	7302	GTGCTGGGGAGCCAAATTTTAAACCAAGCGGAGGCGGGGCGGCGCTCTCGAAGCGCGAG		7361
QY	57	CTGTAGCAGTTTCTTTGGCATGCTCGGGGCCCTTTGATGCCAGCATATGCTTATCGTGC		116
Db	7362	CTGTAGCAGTTTCTTTGGCATGCTCGGGGCCCTTTGATGCCAGCATATGCTTATCGTGC		7421
QY	117	TCTGTGCATATCTGCTCGCATCTTCTTCGATCATCTCCGCGAGAGTGGCGGCATCCACTG		176
Db	7422	TCTGTGCATATCTGCTCGCATCTTCTTCGATCATCTCCGCGAGAGTGGCGGCATCCACTG		7481
QY	177	CGGCGACACCTTCCATCTTGGAGTG	200	
Db	7482	CGGCGACACCTTCCATCTTGGAGTG	7505	

US-R02L7 5
US-08-232-463-14/C
Sequence 14, Application US/08232463
Patent No. 5670367
GENERAL INFORMATION:
APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
FILING DATE:

```
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
FILING DATE: 26-AUG-1991
APPLICATION NUMBER: EP 91 114 300.6
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/114 IMMU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
TELEFAX: (703)683-4109
TELEX: 899149
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
CLONE: pTZgpt-F15
US-08-232-463-14
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```
Query Match          3.3%; Score 65.8; DB 1; Length 7218;
Best Local Similarity 4.7%; Pred. No. 2,1e-08;
Matches 19; Conservative 230; Mismatches 152; Indels 0; Gaps 0;
```

```
QY 520 AAGTACTTACAGCAGCAGATGACCAACAGCAGAGAGCGCGCGCTC 579
    ||||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1465 AAGTAGTTAAAGATAGAGATTTGTACRRRRRRRRRRRRRRRRRR 1406
    : : : : : : : : : : : : : : : : : : : : : : : : :
QY 580 AGGACGAAGTGAAGACATGGAGATTGAGCTCTACTCCAGACGACCTGAG 639
    : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1405 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1346
    : : : : : : : : : : : : : : : : : : : : : : : : :
QY 640 GTGAGAGATGATCGACAGATGGCTGTGGACAGTCCGCTGACAGCTGTG 699
    : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1345 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1286
    : : : : : : : : : : : : : : : : : : : : : : : : :
QY 700 TACTGTCTCTCTCAGAAAGATCGAATCTAAAGAGCAGGAGCCTAGGG 759
    : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1285 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1226
    : : : : : : : : : : : : : : : : : : : : : : : : :
QY 760 GAGTGCGCAGACAGCTGATTTCTTCTCCAGAGCAAGTGCAGACATC 819
    : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1225 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1166
    : : : : : : : : : : : : : : : : : : : : : : : : :
QY 820 TACTGTAATGATCAGGCCAAGTTAGACTGAGTCAAGTCCAGAGACTTACAGAT 879
    : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1165 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1106
    : : : : : : : : : : : : : : : : : : : : : : : : :
QY 880 GCTGACAGCAATCATGAGCTCGAAGAAAGAGCTACAGAT 920
    : : : : : : : : : : : : : : : : : : : : : : : : :
DB 1105 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRAT 1065
    : : : : : : : : : : : : : : : : : : : : : : : : :
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RESULT 6
US-08-728-323A-1

```
; Sequence 1, Application US/08728323A
; Patent No. 5948676
; GENERAL INFORMATION:
; APPLICANT: Chang, Yuan
; APPLICANT: Bohenzky, Roy A.
; APPLICANT: Russo, James J.
; APPLICANT: Edelman, Isidore S.
; APPLICANT: Moore, Patrick S.
; TITLE OF INVENTION: Immediate Early Protein From Kaposi's
; TITLE OF INVENTION: Sarcoma-Associated Herpesvirus, DNA
; TITLE OF INVENTION: Encoding Same And Uses Thereof
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
```

```
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/728,323A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/52268/JPM/MS/SKS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3489 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..3489
US-08-728-323A-1
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Query Match          2.6%; Score 52; DB 2; Length 3489;
Best Local Similarity 48.9%; Pred. No. 0.00011;
Matches 139; Conservative 0; Mismatches 145; Indels 0; Gaps 0;
```

```
QY 505 CTGAAAAGACAGATGACTTAAAGACAGCAGAGATGAGACCAACACAGAG 564
    | | | | | | | | | | | | | | | | | | | | | | | | |
DB 2212 CAGGATGACAGACAGCAGAGATGAGCAGCAGCAGCAGATGAACAGCAGAG 2271
    : : : : : : : : : : : : : : : : : : : : : : : : :
QY 565 GAGCGCGCGCGCTCAGAGCAGCAAGATGAAGACCATGAGACATTTACTCCAG 624
    | | | | | | | | | | | | | | | | | | | | | | | | |
DB 2272 GAGCAGAGACAGCAGAGAGCAGAGCAGAGGAGTTAGAGCAGCAGAGGTTAGG 2331
    : : : : : : : : : : : : : : : : : : : : : : : : :
QY 625 ACCCAGCTCCCTGAGGTGAGAGATGATCCGACATGGTGTGGACATGACAGGTG 684
    | | | | | | | | | | | | | | | | | | | | | | | | |
DB 2332 GATCAGAGCAGAGAGTTAGAGAGCAGAGCAGAGTTAGAGAGCAGAGCAGAGTTA 2391
    : : : : : : : : : : : : : : : : : : : : : : : : :
QY 685 GAACAGCTGCTGTCTACTGTCTCTCAAGAAAGATGACGAATCTAAAGAGCCA 744
    | | | | | | | | | | | | | | | | | | | | | | | | |
DB 2392 GAGGAGCAGAGCAGAGAGTTAGAGAGCAGAGCAGAGGAGTTAGAGAGCAGAGCAGAG 2451
    : : : : : : : : : : : : : : : : : : : : : : : : :
QY 745 CGAAGGCTCAGAGGAGGTGCTGACAAAGCTGAGAGAGATT 788
    | | | | | | | | | | | | | | | | | | | | | | | | |
DB 2452 TTAGAGAGCAGAGCAGAGTTAGAGAGCAGAGCAGAGATT 2495
    : : : : : : : : : : : : : : : : : : : : : : : : :
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RESULT 7

```
US-09-298-568-1
; Sequence 1, Application US/09298568
; Patent No. 6322792
; GENERAL INFORMATION:
; APPLICANT: Kieff, Elliott D.
; APPLICANT: Balleslas, Mary E.
; APPLICANT: Kaye, Kenneth M.
; TITLE OF INVENTION: RHADINO VIRUS LANA ACTS IN TRANS ON A UNIT OF RHADINO
; TITLE OF INVENTION: RHADINO VIRUS DNA TO MEDIANTE EFFICIENT EPISOME PERSISTENCE
; FILE REFERENCE: 16412-10001R
; CURRENT APPLICATION NUMBER: US/09/298,568
; CURRENT FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,422
; EARLIER FILING DATE: 1998-11-19
```

NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patentlin Ver. 2.0
SEQ ID NO 1
LENGTH: 3489
TYPE: DNA
ORGANISM: Kaposi's sarcoma-associated herpesvirus
US-09-798-568-1

Query Match 2.6%; Score 52; DB 4; Length 3489;
Best Local Similarity 48.9%; Pred. No. 0.00011;
Matches 139; Conservative 0; Mismatches 145; Indels 0; Gaps 0;

QY 505 CTGAAAAAGCATGAGTACTTGAACAGCAGCAGAGATGAGACCAAAACAGCAGCAG 564
DB 2212 CAGGATGAGCAGCAGCAGCAGATGACAGCAGCAGCAGATGAAACGAGCAGCAGG 2271
QY 565 GAGCGGGCGCGCTCAGAGCAGCAGATGAACCATGAGCAGATTTAGCTTCTACTCCAG 624
DB 2272 GAGCAGGAGCAGCAGCAGCAGCAGCAGAGATTAGAGCAGCAGCAGAGATTAGAG 2331
QY 625 AGCCAGCTCCCTGAGTGGAGATGATCCGAGCATGGGTGGGACAGTCAGCGGTG 684
DB 2332 GATCAGAGCAGCAGATGATGAGAGCAGCAGCAGAGATTAGAGCAGCAGCAGAGTTA 2391
QY 685 GAACAGCTGGCTGTACTGTGTCTCTCAAGAAAGATGACGAATCTAAAAGAGCA 744
DB 2392 GAGGAGCAGCAGCAGCAGCAGCAGCAGCAGCAGAGATTAGAGCAGCAGCAGAG 2451
QY 745 CGAAGGCTTCAGGAGGAGTGGCTGACACAGCTGAGGAAGATT 788
DB 2452 TTAGAGCAGCAGCAGCAGCAGATTAGAGCAGCAGCAGAGATT 2495

RESULT 8

US-08-770-379-20/c
Sequence 20, Application US/08770379
Patent No. 5849564
GENERAL INFORMATION:
APPLICANT: Chang, Yuan
APPLICANT: Bohenzky, Roy A.
APPLICANT: Russo, James J.
APPLICANT: Edelman, Isidore S.
TITLE OF INVENTION: POLYPEPTIDES FROM KAPOSI'S SARCOMA-ASSOCIATED
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentlin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/770,379
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 3207 base pairs
TYPE: nucleic acid

STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-770-379-20

Query Match 2.6%; Score 52; DB 2; Length 32207;
Best Local Similarity 48.9%; Pred. No. 0.00034;
Matches 139; Conservative 0; Mismatches 145; Indels 0; Gaps 0;

QY 505 CTGAAAAAGCATGAGTACTTGAACAGCAGCAGCAGATGAGACCAAAACAGCAGCAG 564
DB 19785 CAGGATGAGCAGCAGCAGCAGATGACAGCAGCAGCAGATGAAACGAGCAGCAGG 19726
QY 565 GAGCGGGCGCGCTCAGAGCAGCAGATGAACCATGAGCAGATTTAGCTTCTACTCCAG 624
DB 19725 GAGCAGGAGCAGCAGCAGCAGCAGCAGCAGAGATTAGAGCAGCAGCAGAGATTAG 19666
QY 625 AGCCAGCTCCCTGAGTGGAGATGATCCGAGCATGGGTGGGACAGTCAGCGGTG 684
DB 19665 GATCAGAGCAGCAGATGATGAGAGCAGCAGCAGAGATTAGAGCAGCAGCAGAGTTA 19606
QY 685 GAACAGCTGGCTGTACTGTGTCTCTCAAGAAAGATGACGAATCTAAAAGAGCA 744
DB 19605 GAGGAGCAGCAGCAGCAGCAGCAGCAGCAGCAGAGATTAGAGCAGCAGCAGAG 19546
QY 745 CGAAGGCTTCAGGAGGAGTGGCTGACACAGCTGAGGAAGATT 788
DB 19545 TTAGAGCAGCAGCAGCAGCAGATTAGAGCAGCAGCAGAGATT 19502

RESULT 9

US-08-757-669A-20/c
Sequence 20, Application US/08757669A
Patent No. 6183751
GENERAL INFORMATION:
APPLICANT: Chang, Yuan
APPLICANT: Bohenzky, Roy A.
APPLICANT: Russo, James J.
APPLICANT: Edelman, Isidore S.
TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOSI'S SARCOMA VIRUS
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentlin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,669A
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 32207 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)


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US-08-533-306A-3
; Sequence 3, Application US/08533306A
; Patent No. 5837457
; GENERAL INFORMATION:
; APPLICANT: Liu, Pu
; APPLICANT: Collins, Francis S.
; APPLICANT: Siciliano, Michael J.
; APPLICANT: Claxton, David
; TITLE OF INVENTION: Markers for Detection of Chromosome 16
; NUMBER OF INVENTIONS: Rearrangements
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Harness, Dickey & Pierce, P.L.C.
; STREET: P.O. Box 828
; CITY: Bloomfield Hills
; STATE: MI
; COUNTRY: USA
; ZIP: 48303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/533,306A
; FILING DATE: September 25, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, Deann F.
; REGISTRATION NUMBER: 36683
; REFERENCE/DOCKET NUMBER: 2115-00869COB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 641-1600
; TELEFAX: (810) 641-0270
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2887 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; INDIVIDUAL ISOLATE: Sample 1
; TISSUE TYPE: Acute myelomonocytic leukemia, M4b0
; TISSUE TYPE: subtype (Inv16)
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: 16[Inv(16)(p13q22)]
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..2658
; US-08-533-306A-3
;
Query Match 2.2%; Score 44; DB 2; Length 2887;
Best Local Similarity 47.2%; Pred. No. 0.019;
Matches 134; Conservative 0; Mismatches 150; Indels 0; Gaps 0;

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DB      652  AGCTTCAGATGAAGTGTGAGACGCTGACAGGAGTCTTACAGAGGCGCAGAGGAGGAGCA 751
QY      770  ACAAGCTGAGAGGATTTGTTTCTCCTCAGAGCAAGTTGCG 813
          ||||| ||||| || ||||| ||| ||| ||| |||
DB      752  TTAAGCTGGCCAGAGCAGTGGGCTCCCTCAGTCTCCAGCTCCAG 795

RESULT 13
US-08-742-923A-3
; Sequence 3, Application US/08742923A
; Patent No. 5869611
; GENERAL INFORMATION:
; APPLICANT: Liu, Pu
; APPLICANT: Collins, Francis S.
; APPLICANT: Siciliano, Michael J.
; APPLICANT: Claxton, David
; TITLE OF INVENTION: Markers for Detection of Chromosome 16
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Harness, Dickey & Pierce, P.L.C.
; STREET: P.O. Box 828
; CITY: Bloomfield Hills
; STATE: MI
; COUNTRY: USA
; ZIP: 48303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/742,923A
; FILING DATE: No. 5869611member 1, 1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, Deann F.
; REGISTRATION NUMBER: 36683
; REFERENCE/DOCKET NUMBER: 2115-00869DVC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 641-1600
; TELEFAX: (810) 641-0270
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2887 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHEITICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; INDIVIDUAL ISOLATE: Sample 1
; TISSUE TYPE: Acute myelomocytic leukemia, M4b0
; TISSUE TYPE: subtype (inv16)
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: 16[inv(16)(p13q22)]
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..2658
; US-08-742-923A-3

Query Match 2.2%; Score 44; DB 2; Length 2887;
Best Local Similarity 47.2%; Pred. No. 0.019;
Matches 134; Conservative 0; Mismatches 150; Indels 0; Gaps 0;

QY      530  AGCAGCAGGATGAGACCAACAAGCACAAGAGAGCGCGCGCTCAGAGACCAAGA 589
          ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
DB      512  AGAATTAAGCAGACGCTGTGAGAAAGAAACGACGACCTG5CCCGGAGAGCTGCGGCTTGG 571
          ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY      590  TGAAGACCATGAGCAGATTGAGCTTCTACTCCAGAGCAGCAGCTCCCTGAGTGAGAGAGA 649
          ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||

```

Accession	Sequence	Position
Db	572 GCCAGGCGCAACGACGAGGTGGAAACATTAAGAAAGAAAGCTGAGAGCGCCACGATGGCAGGC	6313
Qy	650 TGTATCCGACATATGGTGTGGGAACAGTCAGGGGTGGAAACAGTGGCTGTGTACTGTGTGT	7089
Db	632 TGCAGTCCCAATGCAAGCCATGGAGGGGGCCCGGGGGAGCCTCAATGACAAATCTCCACA	6911
Qy	710 CTCCTCAAGAAAGAGTACGAGAAATCTAAAGAAGGACGCGAAGGCTTCAGGGGAGGTGGCTG	7639
Db	692 AGCTGCAGAAATGAAGTTGAGAGCGCTCAACAGGATGCTTAACGAAGCCGAGGGGAAGGCCA	7511
Qy	770 ACAAGCTGAGGAGAGATTGTCTTCCTCCACGAACCAAGTTGCCAG	813
	752 TTAAAGCTGGCCACGAGACGTGGCGTCCCTCAATGTCCTCCAGCTCCAG	795

RESULT 14

US-08-781-91-208/C
Sequence 208, Application US/08781891
Patent No. 6090620
GENERAL INFORMATION:
APPLICANT: Fu, Ying-Hui
APPLICANT: Yu, Chang-En
APPLICANT: Oshima, Junko
APPLICANT: Mulligan, John T.
APPLICANT: Schellenberg, Gerald D.
TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
NUMBER OF SEQUENCES: 209
CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
City: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/781,891
FILING DATE: 27-DEC-1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: No. 6090620tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 240052.419
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 682-4500
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 208:
SEQUENCE CHARACTERISTICS:
LENGTH: 16442 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-781-91-208

Query Match	2.2%	Score 43.6	DB 3	Length 16442
Best Local Similarity	47.4%	Pred. No. 0.057		
Matches 130; Conservative	0	Mismatches 144	Indels 0	Gaps 0

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Qy	572	GCGCGCTCAGAGAGCAGATGAGACCCATGAGAGCAGATTGAGCTTCTACTCCAGAGCCAGC	631
Db	16380	AGCAGCAGGAGAGCAGAGAGCAGAGGAGAGAGAGCAGAGGAGAGAGAGAGAGAGG	16321
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[illegible]

RESULT 15

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US-08-182-175A-104
: Sequence 104, Application US/08182175A
: Patent No. 5559223
:
: GENERAL INFORMATION:
: APPLICANT: Saverio Carl Falco
: APPLICANT: Sharon J. Keeler
: APPLICANT: Janet A. Rice
: TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containin
: NUMBER OF SEQUENCES: 113
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: E. I. du Pont de Nemours and Company
: STREET: 1007 Market Street
: CITY: Wilmington
: STATE: Delaware
: COUNTRY: USA
: ZIP: 19898
:
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy Disk
: COMPUTER: Macintosh
: OPERATING SYSTEM: Macintosh System, 6.0
: SOFTWARE: Microsoft Word, 4.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/182.175A
: FILING DATE:
: CLASSIFICATION: 800
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 07/743,006
: FILING DATE: 9 August 1991
: ATTORNEY/AGENT INFORMATION:
: NAME: Linda Axamethy Floyd
: REGISTRATION NUMBER: 33,692
: REFERENCE/DOCKET NUMBER: BB-1031
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (302) 992-4829
: TELEFAX: (302) 892-7949
: TELEX: 835420
:
: INFORMATION FOR SEQ ID NO: 104:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 340 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: ORIGINAL SOURCE:
: STRAIN: E. coli
: CELL TYPE: DH5 alpha
: IMMEDIATE SOURCE:
: CLONE: segment 534 [seg 534]
: FEATURE:
: NAME/KEY: CDS
: LOCATION: 3..326
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: OTHER INFORMATION: /product= "protein"
: OTHER INFORMATION: /gene= "ssp"
: OTHER INFORMATION: /standard_name= "SSP-534"
:
: US-08-182-175A-104

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Query Match	2.1%	Score	41.6	DB	1	Length	340
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Matches 131; Conservative	0	Mismatches	149	Indels	0	Gaps	0

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